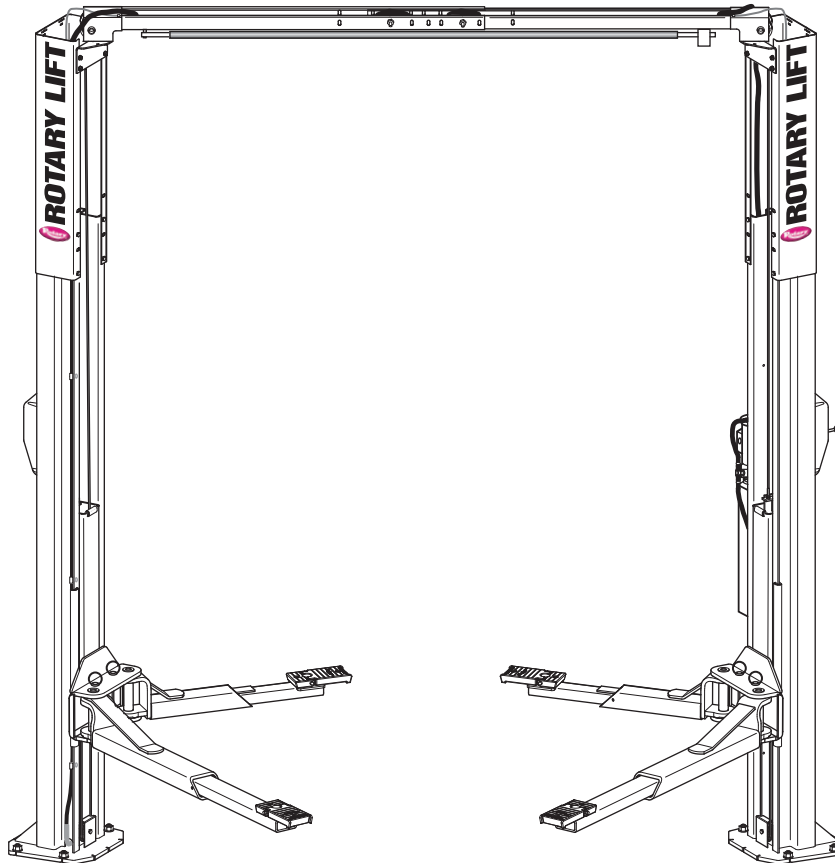




SPOA10, SP010, SPOA7 Hybrid

(500 And 700 Series Lifts)
Capacity 10,000 lbs.



P
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IMPORTANT: When ordering parts or requesting service always give exact model and power unit serial number. Model number is shown on nameplate attached to power unit column. Power unit serial number is located on side of power unit.

OWNERS RECORD
Complete information
at right and keep in
a safe place.

Date Installed _____

Installed in Bay # _____

Power Unit Serial # _____

Power Unit Model # _____

Lift Serial # _____

Lift Model # _____

NOTE: For replacement parts -See your nearest Rotary Parts Distributor.



1. L.H. Column Weldment	N752
2. R.H. Column Weldment.....	N755
3. Column Extension	
Standard Height	N470
EH-1 MODEL	N471
EH-2 MODEL	N472
EH-4 MODEL (SPO10 only)	N474
4. Carriage Yoke Weldment.....	N822
5. Arm Pin.....	N2154
6. 1/4"-20NC x 3/4" Lg. HHCS	40099
7. Hydraulic Cylinder	
68" Rise.....	N380
71" Rise.....	N382
8. Power Unit	
1Ø 60Hz	**P1302/P3302
1Ø 50Hz	**P1389/P3389
3Ø	**P1347/P3347
3Ø 575V	**P1359/P3359
3Ø 380V (S Model)	**P1510/P3510
9. Power Unit Hose.....	FJ837
10. 5/16"-18NC x 1-1/2" Flanged HHCS (Full Thread).....	40509
11. NA	NA
12. 5/16"-18NC Hex Flanged Lock Nut	40678
13. Actuator Pin Handle.....	FJ7985-1
14. Actuator Pin	N121-1
15. Retaining Pin	N119-3
16. Arm Restraint Spring	FJ7656-2
17. Bleeder Screw (Specify Manufacturer).....	N/A
18. Carriage Bumper	FA941
19. Arm Restraint Pawl.....	N2121
20. Approach bumper	FJ7391-1
21. 5/8"-11NC Nylon Insert Lock Nut	40743
22. Truarc #5304-75 Klipring for 3/4" Shaft	41411
23. Sheave	N377
24. 1/4"-20NC Zinc Hex Nut	40627
25. Sheave Cover	N119-1
26. 1/4"-20NC x 3/8" Lg. PHMS Plated (2 pcs.)	40063
27. Slider block.....	FJ7360
28. 3/4" Concrete Anchor	FJ7380
29. 1-1/2" O.D. x .760-.770" I.D. x .045" Bushing	41388
30. 1/4"-20NC x 2-3/4" HHCS	40114
31. 1/4"-20NC Insert Locknut.....	40642
32. 1/8" x 1" Lg. Cotter Pin (3Ø only).....	41200
33. Switch Bar Assembly	
1Ø SPOA10NB.....	N415
1Ø SPOA10/SPO10	N467
3Ø	N434
34. Wheel Spotting Dish Kit	FF729
35. 1/4" Flat Washer.....	40795
36. 3/8"-16 NC x 3/4" Long Flanged HHCS.....	40124
*37. Arm Restraint Kit (1 arm).....	*N2148

38. Overhead Hose	
Standard	N3103
EH-1 MODEL.....	FJ842
EH-2 MODEL.....	FJ843
EH-4 MODEL (SPO10 only)	FJ845
39. Equalizer Cables	
SPOA10NB	N384
SPOA10NB EH-1 MODEL	N385
SPOA10NB EH-2 MODEL	N386
SPOA10	N372
SPOA10 EH-1 MODEL	N378
SPOA10 EH-2 MODEL	N373
SPO10.....	N374
SPO10 EH-1 MODEL.....	N379
SPO10 EH-2 MODEL.....	N375
SPO10 EH-4 MODEL.....	N376
40. Capacitor Box	FA7147-1
Capacitor Box Cover Plate.....	FA7366-1
Drum Switch.....	FA7364
Drum Switch Lever.....	FA7364-1
M5 x 45 PHMS, Plated	41672
41. Locking Latch Cable.....	FJ7600
42. Cable Guide	N618
43. 3/8"-16NC Flanged Locknut.....	40664
44. Sheave Shaft.....	FJ7444-8
45. Actuator Assembly (3Ø)	N432-5
46. Cable End Bracket.....	N619
47. Hose Clip	N383
48. L.H. Overhead Assembly (Outer).....	N480
49. R.H. Overhead Assembly (Inner).....	N481
50. Branch Tee	FJ7668
51. Column Mounting Bracket.....	N439
52. 3/8"-16NC x 3/4" Carriage Bolts	N/A
53. 1/4"-20NC Flanged Locknut.....	40641
54. 3/4" Spacer	FJ7871
55. Cutoff Switch Assembly	
1Ø	N413
3Ø	N432
Cutoff Switch	
1Ø	N413-1
3Ø	N432-1
56. 1/4" External Tooth Lockwasher	40779
57. 1/4"-20NC x 1" HHCS Grade 5	40108
58. Spring Pin-1/4" dia. x 1-1/2" Lg. (Stainless).....	14427
59. Shim.....	FJ716-6
60. Front Shim.....	FJ7659-3

*Arm Restraint Kit (1 Arm) Includes items 13, 14, 15, 16, 19 & 58. Also includes Restraint Gears and attaching hardware (items 21, 22 & 23) from Arm Detail section.

**Two different power units were used. Please verify your model number before ordering parts.

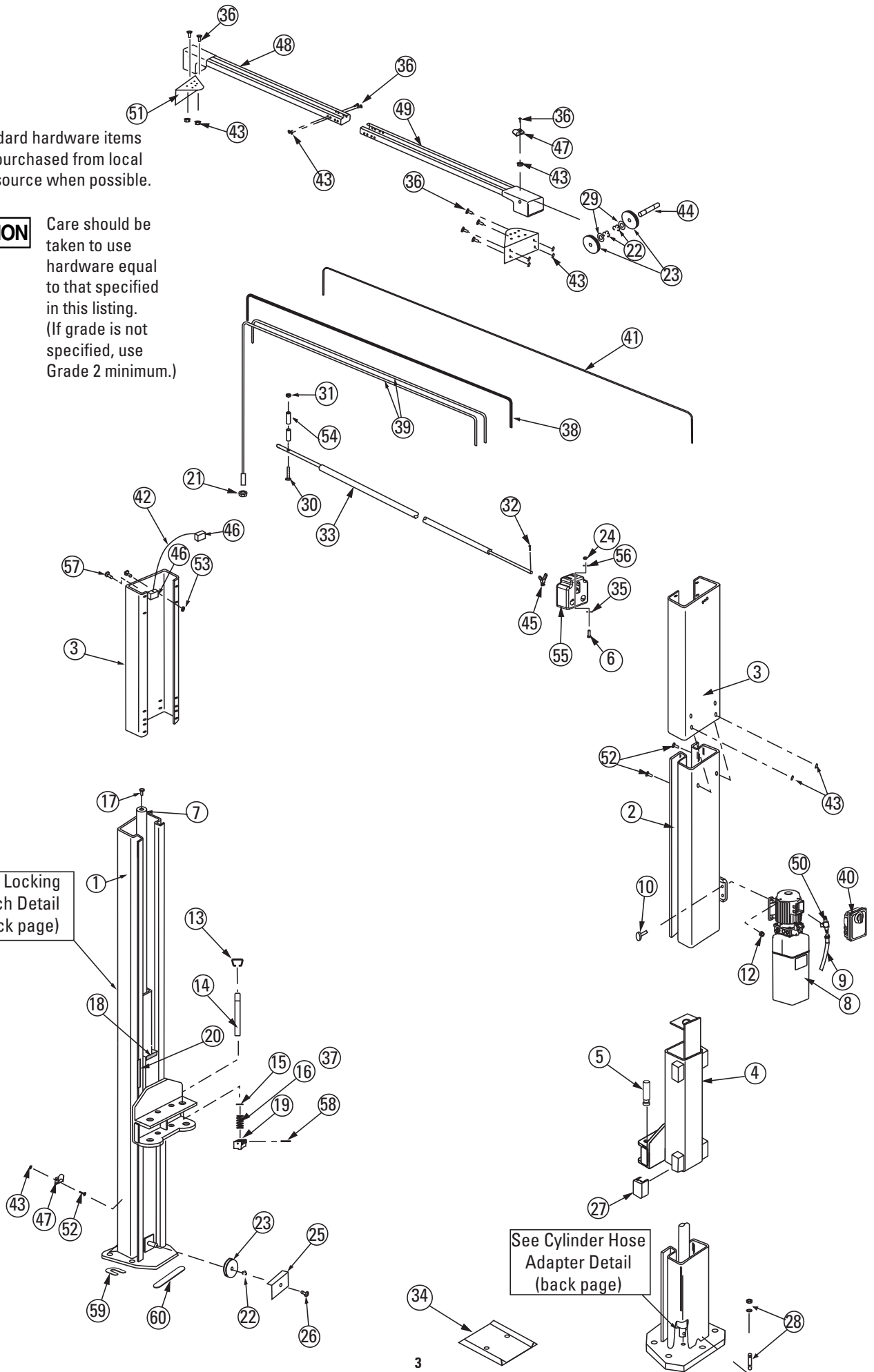
Note: Standard hardware items should be purchased from local hardware source when possible.

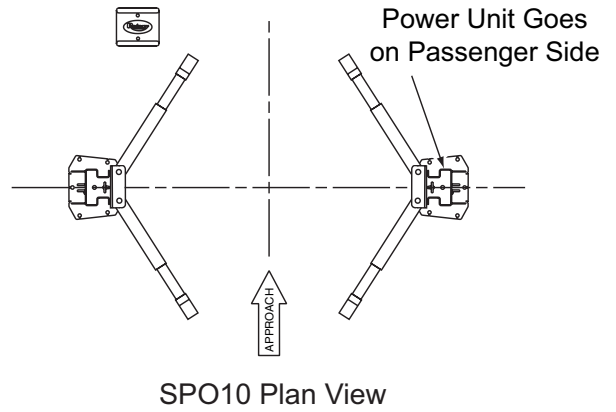
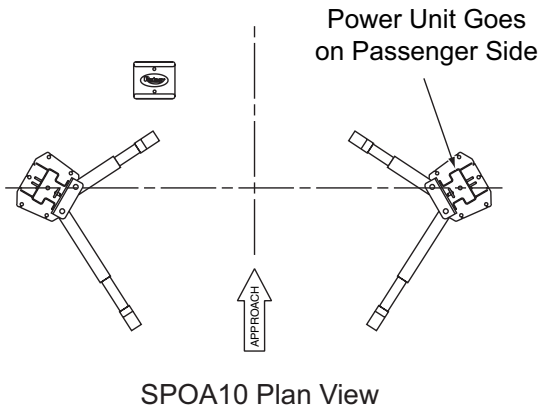
CAUTION

Care should be taken to use hardware equal to that specified in this listing. (If grade is not specified, use Grade 2 minimum.)

See Locking Latch Detail (back page)

See Cylinder Hose Adapter Detail (back page)





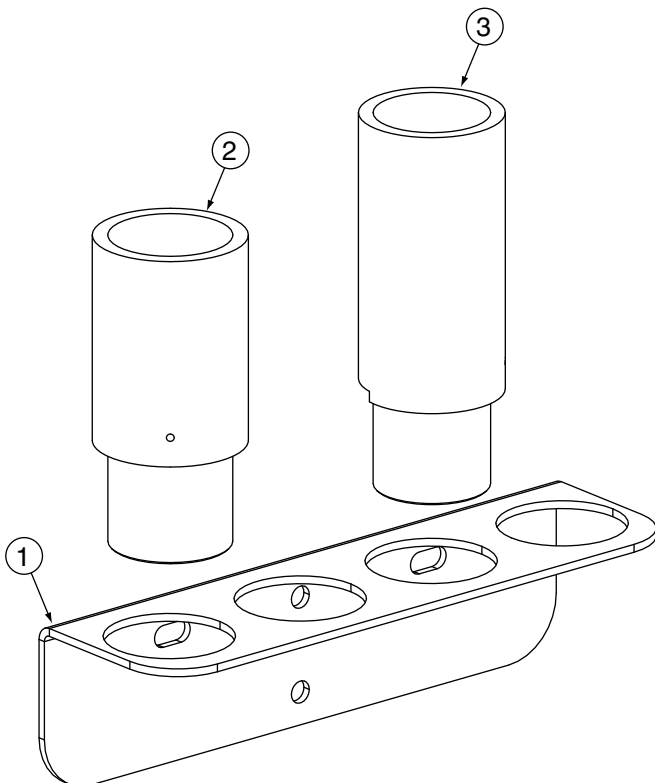
***Notes: 5TX, 5GX or 5BX Series?**

To find out if you have a **5TX, 5GX or 5BX** series arms look at the **last (3) numbers on the end** of your lift model number.

EXAMPLE: SPOA10N**5G5** would be a **5GX Series** model.

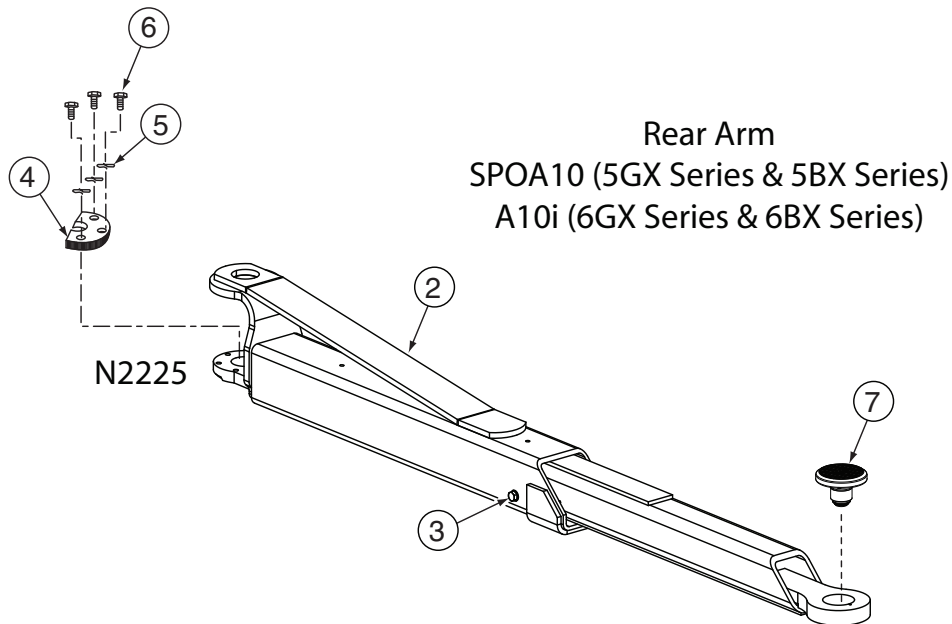
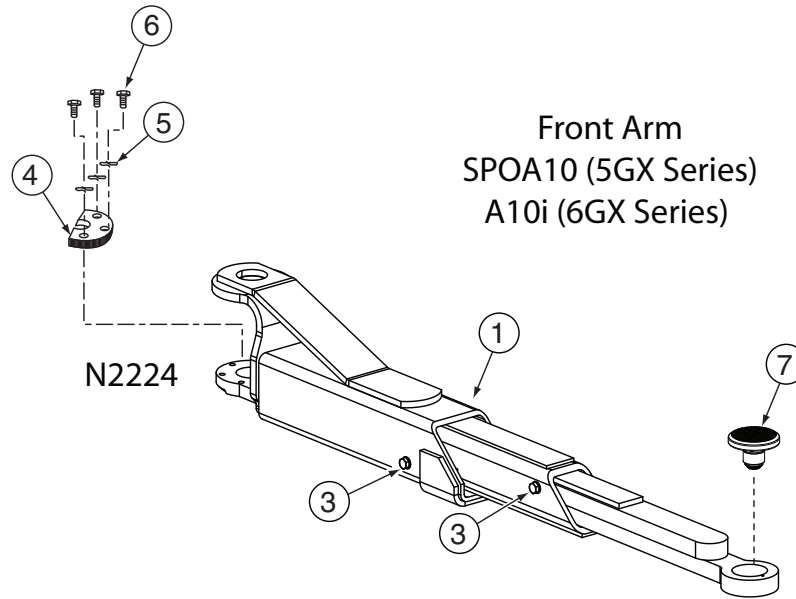


Model number can be found on a tag on the side of the lift.
The "X" is a variable number used to fill the place of the actual last number on your lift model number tag.



1.	Adapter Rack	FJ6127
2.	3-1/2" (90mm) Adapter Extension	FJ6171-1
3.	5-1/4" (130mm) Adapter Extension	FJ6171-2

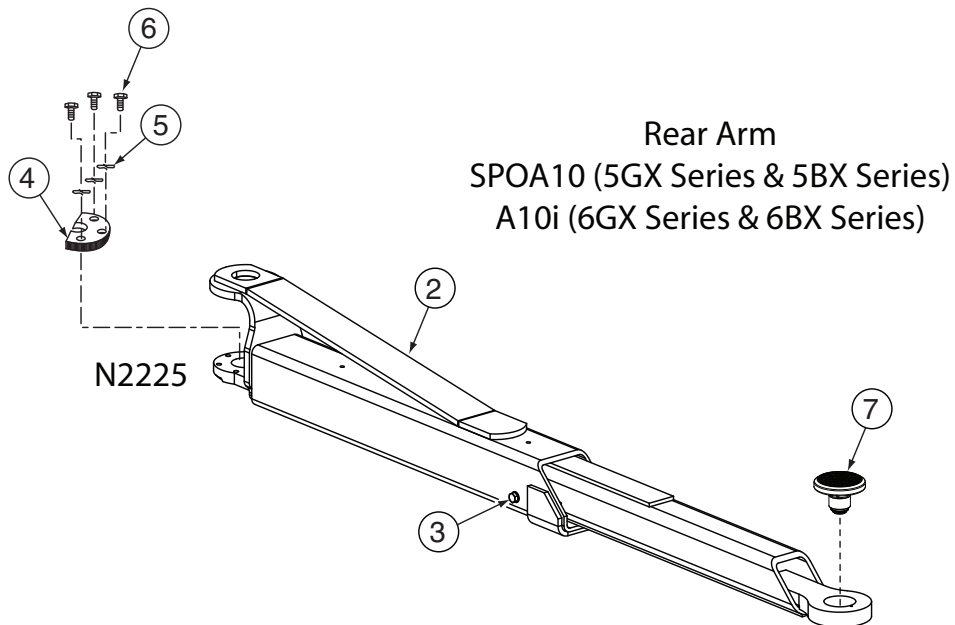
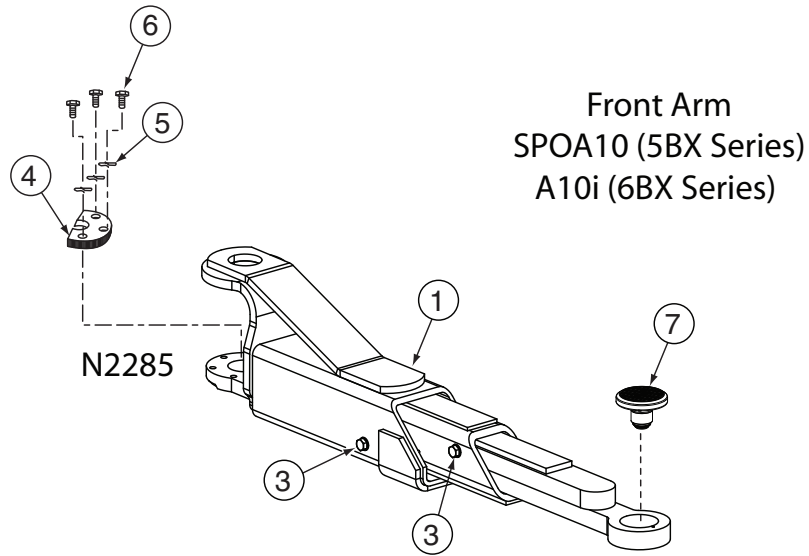
Arm Detail



1.	Front Arm	
	SPOA10 (5GX Series)	*N2224
2.	Rear Arm	
	SPOA10 (5GX Series) & (5BX Series)	*N2225
3.	Stop Bolt Assembly	N219

4.	Arm Restraint Gear	N2122
5.	3/8" Spring Washers (For Lifts With Tapped Bearing Bar)	40818
6.	3/8"-16NC x 1-1/2" HHCS Grade 5	40201
7	Low Profile Adapter Assembly	FJ6202
	Rubber Pad	FJ6202-3

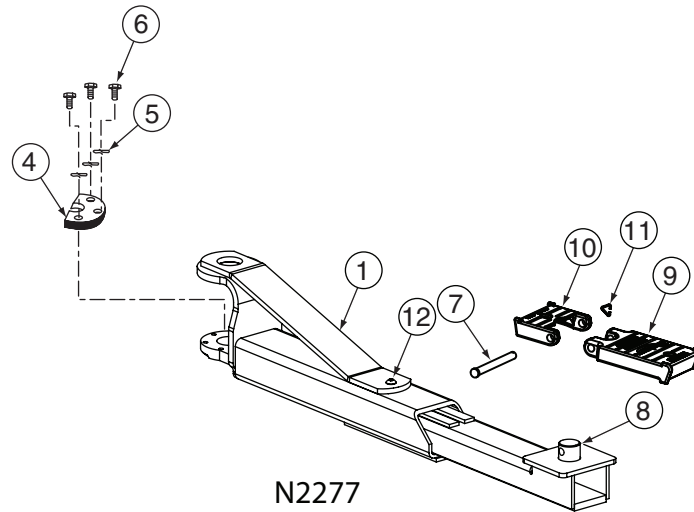
Arm Detail



1.	Front Arm	
	SPOA10 (5BX Series)	*N2285
2.	Rear Arm	
	SPOA10 (5GX Series) & (5BX Series)	*N2225
3.	Stop Bolt Assembly	N219
4.	Arm Restraint Gear	N2122

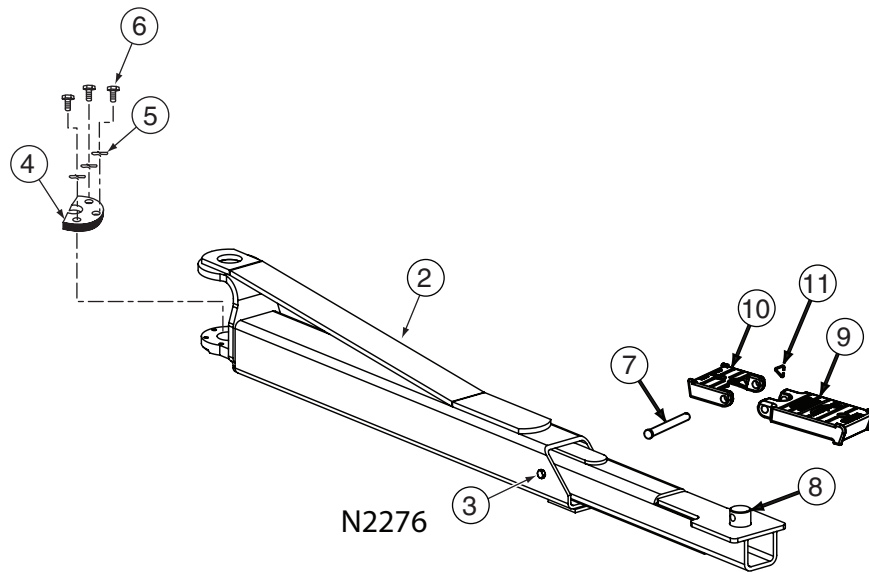
5.	3/8" Spring Washers (For Lifts With Tapped Bearing Bar)	40818
6.	3/8"-16NC x 1-1/2" HHCS Grade 5	40201
7.	Low Profile Adapter Assembly	FJ6202
	Rubber Pad	FJ6202-3

Arm Detail



N2277

Front Arm
SPOA10 (70X Series)
A10i (70X Series)



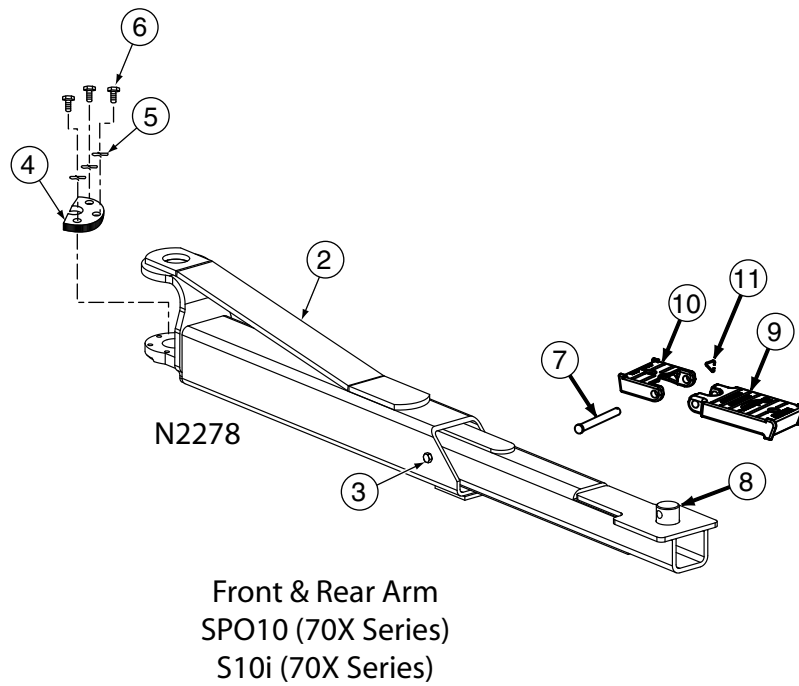
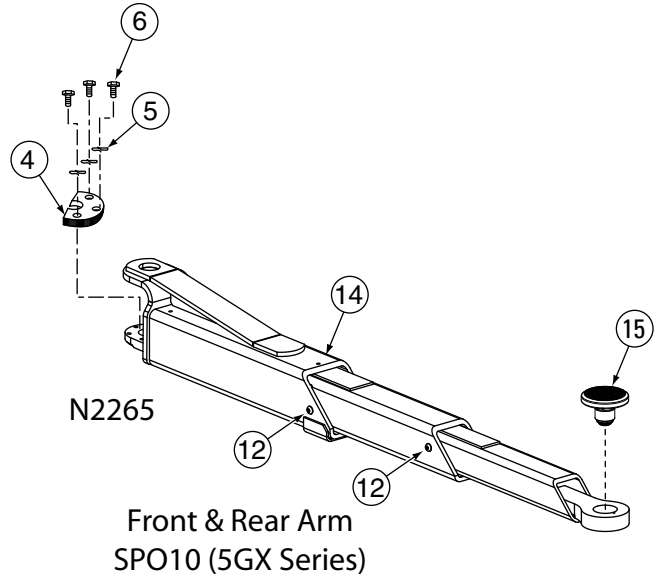
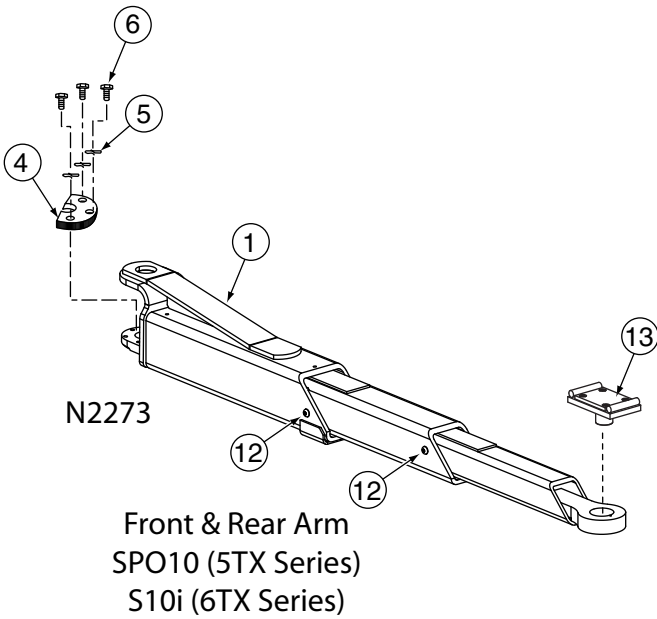
N2276

Rear Arm
SPOA10 (70X Series)
A10i (70X Series)

1.	Front Arm	
	SPOA10 (70X Series)	*N2277
2.	Rear Arm	
	SPOA10 (70X Series)	*N2278
3.	Stop Bolt 3/8"-16NC x 1/2" Lg. HHCS	40126
4.	Arm Restraint Gear	N2122
5.	3/8" Spring Washers (For Lifts With Tapped Bearing Bar)	40818

6.	3/8"-16NC x 1-1/2" HHCS Grade 5	40201
7.	Adapter Pin	FJ6179
8.	Adapter Swivel Pin	FJ79-6
9.	High Step Adapter	FJ6177
10.	Low Step Adapter	FJ6178
11.	3/32" Hog Ring for 1/2" Shaft (8 required)	FJ671-6
12.	Front Stop Bolt (M10 x 1.5 x 20mm BHCS)	41650

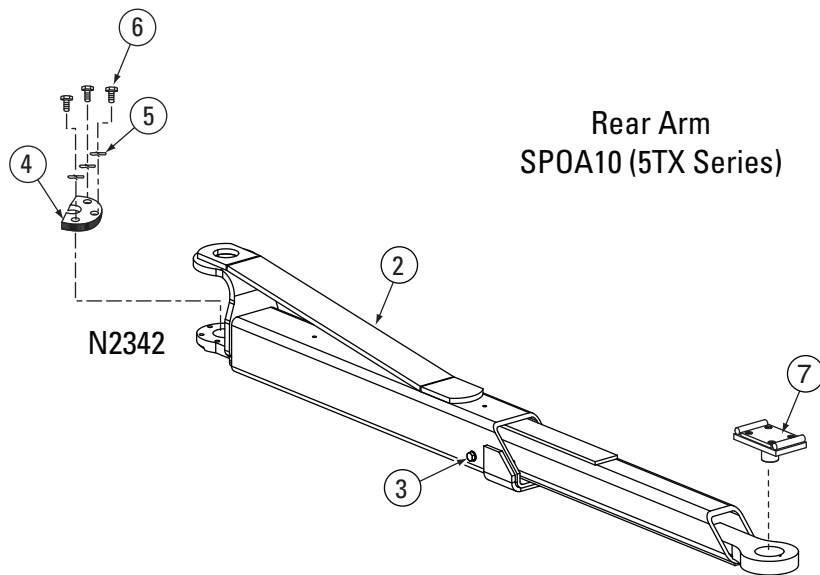
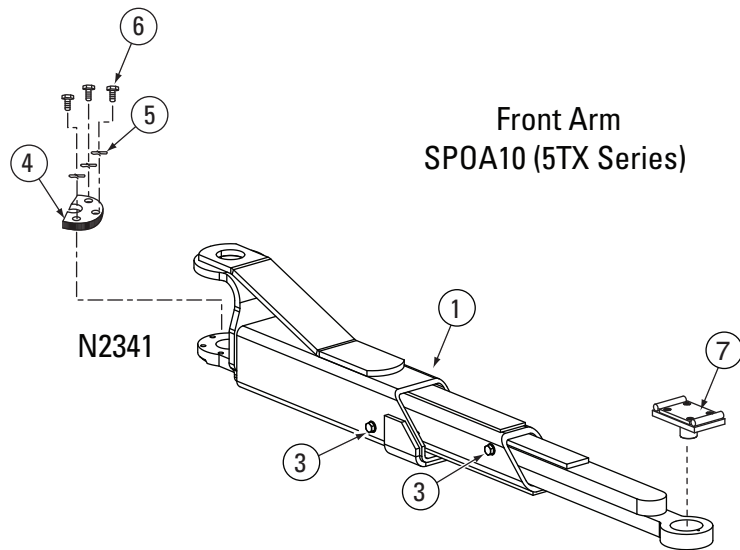
Arm Detail



1.	Front And Rear Arm SPO10 (5TX Series)	*N2273
2.	Rear Arm SPO10 (70X Series)	*N2278
3.	Stop Bolt 3/8"-16NC x 1/2" Lg. HHCS	40126
4.	Arm Restraint Gear	N2122
5.	3/8" Spring Washers (For Lifts With Tapped Bearing Bar)	40818
6.	3/8"-16NC x 1-1/2" HHCS Grade 5	40201
7.	Adapter Pin	FJ6179

8.	Adapter Swivel Pin	FJ79-6
9.	High Step Adapter	FJ6177
10.	Low Step Adapter	FJ6178
11.	3/32" Hog Ring for 1/2" Shaft (8 required)	FJ671-6
12.	Front Stop Bolt (M10 x 1.5 x 20mm BHCS)	N2264-15
13.	Adapter Assembly (SPO10) 3-Stage Arm Rubber Pad	FJ6214 FJ6158-4
14.	Front and Rear Arm SPO10 (5GX Series)	*N2265
15.	Low Profile Adapter Assembly Rubber Pad	FJ6202 FJ6202-3

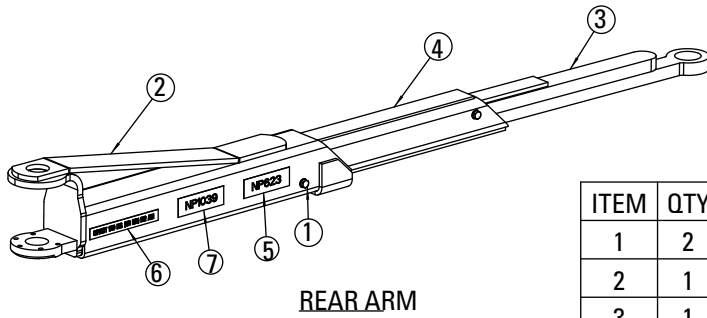
Arm Detail



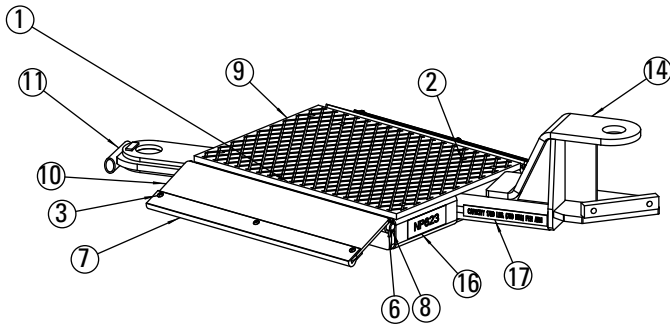
1.	Front Arm	
	SPOA10 (5TX Series)	*N2341
2.	Rear Arm	
	SPOA10 (5TX Series)	*N2342
3.	Stop Bolt Assembly	N219
4.	Arm Restraint Gear	N2122

5.	3/8" Spring Washers (For Lifts With Tapped Bearing Bar)	40818
6.	3/8"-16NC x 1-1/2" HHCS Grade 5	40201
7	Adapter Assembly 3-Stage Arm	FJ6214
	Rubber Pad	FJ6158-4

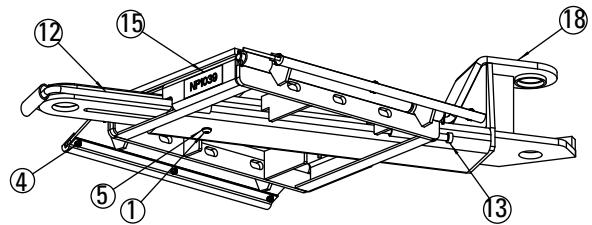
Arm Detail SPOA7 Hybrid



ITEM	QTY	PART NO.	DESCRIPTION
1	2	N219	STOP BOLT ASSEMBLY
2	1	N2336-1	7K 3-STAGE OUTER ARM WELDMENT
3	1	N2336-2	7K 3-STAGE INNER ARM WELDMENT
4	1	N2336-3	7K 3-STAGE MIDDLE ARM WELDMENT
5	2	NP623	ALWAYS USE ADAPTERS NAMEPLATE
6	2	NP874	CAPACITY NAMEPLATE
7	2	NP1039	USE TRUCK ADAPTERS NAMEPLATE



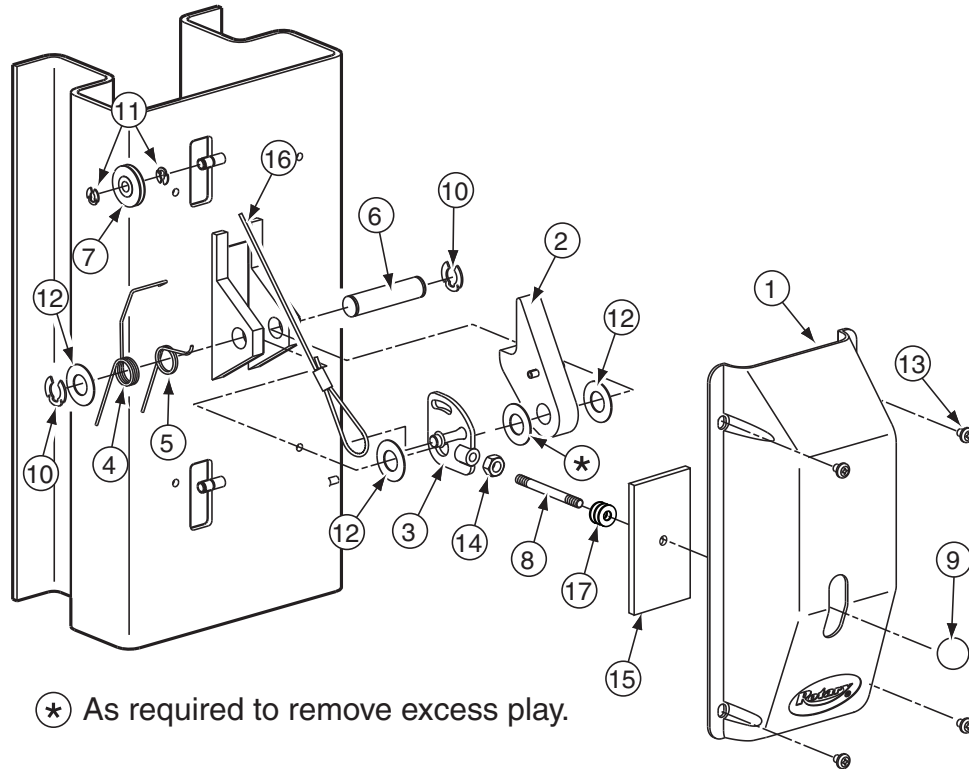
LEFT HAND PAD



RIGHT HAND PAD

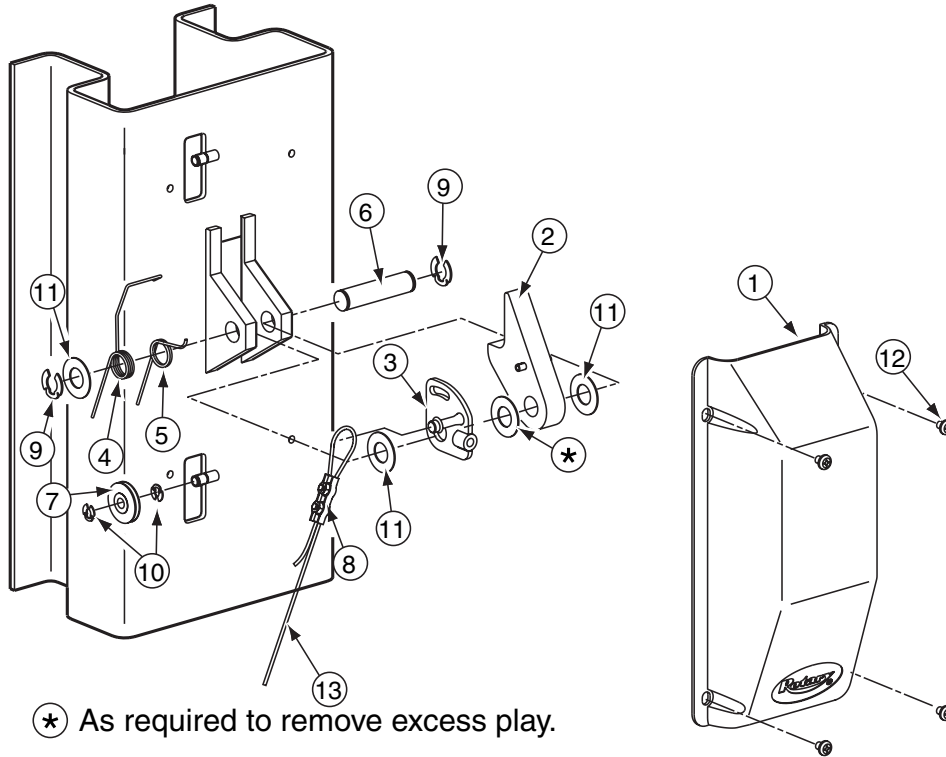
ITEM	QTY	PART NO.	DESCRIPTION
1	1	40157	3/8"-16NC x 3/4" Lg HEX SOC BHCS, GRD2
2	4	40174	1/4 x .475 BLIND RIVET McMASTER-CARR #97517A651 or EQ.
3	6	40192	#10-24NC x 3/4 Lg. PHILLIPS TRUSS HEAD SCREW, PLATED
4	6	40633	#10-24NC HEX FLGD WZLOCK NUT, PLTD
5	1	40843	3/8" INT TOOTH LW, PLTD
6	4	41202	5/32" x 1" Lg COTTER PIN
7	2	FC134-33	RAMP CHOCK SLIDE
8	2	FC5179-5	PIN
9	1	FJ2494	FRONT PAD RUBBER PAD
10	2	N2249	2-POST PAD LIFT RAMP WELDMENT
11	1	N2338-6	FRONT PAD INNER ARM WELDMENT
12	1	N2338-13	FRONT PAD INNER ARM ACTUATOR BAR
13	1	N2338-16	INNER ARM ACTUATOR ROD THUMB SCREW
14	1	N2339-1	LEFT HAND FRONT PAD WELDMENT
15	1	NP1039	USE TRUCK ADAPTER NAMEPLATE
16	1	NP623	RUBBER PAD ADAPTER NAMEPLATE
17	1	NP874	CAPACITY 1750 LBS NAMEPLATE
18	1	N2338	RIGHT HAND FRONT PAD WELDMENT

Locking Latch Detail (Right Column)



ITEM	DESCRIPTION	PART#
1.	Control Side Cover	FJ7452
2.	Locking Latch Dog	N616
3.	Control Plate	FJ7594-2
4.	Spring.....	FJ7566-10
5.	Spring.....	FJ7382-9
6.	Latch Shaft.....	FJ7382-34
7.	Locking Latch Sheave	FJ7322
8.	Handle.....	FJ7382-18
9.	Ball Handle.....	FC134-91
10.	Truarc Klipring #5304-75 for 3/4" Shaft.....	41411
11.	Truarc Klipring #5304-37 for 3/8" Shaft.....	41410
12.	1-1/2" O.D. x 3/4" I.D. x .045" Mach. Bush.....	41388
13.	5/16"-18NC x 3/8" Lg. PHMS	40227
14.	3/8" - 16NC Hex Jam Nut.....	40658
15.	Slot Cover.....	N617
16.	Locking Latch Cable	FJ7600
17.	3/8" Flat Washer	40820

Locking Latch Detail (Left Column)



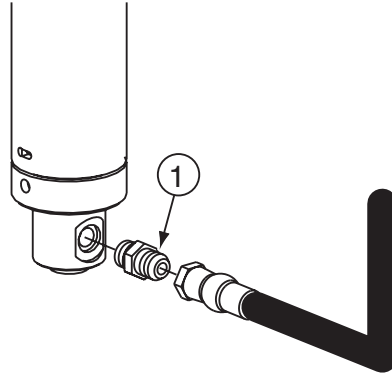
ITEM	DESCRIPTION	PART#
1.	Latch Cover	FJ7451
2.	Locking Latch Dog	N616
3.	Control Plate	FJ7594-2
4.	Spring.....	FJ7566-10
5.	Spring.....	FJ7382-9
6.	Latch Shaft.....	FJ7382-34
7.	Locking Latch Sheave.....	FJ7322
8.	Latch Cable Clamp.....	N63-1
9.	Truarc Klipring #5304-75 for 3/4" Shaft.....	41411
10.	Truarc Klipring #5304-37 for 3/8" Shaft.....	41410
11.	1-1/2" O.D. x 3/4" I.D. x .045" Mach. Bush.....	41388
12.	5/16" - 18NC x 3/8" Lg. PHMS.....	40227
13.	Locking Latch Cable	FJ7600

NOTES:

NOTES:

NOTES:

Cylinder Hose Adapter Detail



ITEM	DESCRIPTION	PART#
1.	Straight Adapter.....	FJ7352-3

DATE	REV.	CHANGE MADE
07/18/05	-	New (700 Series) instructions.
12/6/05	B	Added S model motor voltage information.
01/17/06	C	Updated Locking Latch Cable part number.
08/10/06	D	Updated powerunit part numbers and added barcode.
08/29/07	E	Combined 500 and 700 Series parts breakdowns
09/10/07	F	Updated capacitor box part numbers
01/24/08	G	Added SPOA10 Wide Supplemental Parts
08/19/08	H	Removed SPOA10 Wide Supplemental Parts-Added to IN20500 Install Added new SPOA10/SP010 Part Numbers
2/17/09	J	Revision I skipped - Added SPOA10 5BX series arms.
7/31/09	K	Updated cylinder part numbers.
8/06/09	L	Added 3-Stage Arm Detail
8/03/10	M	Updated Corporate Address Information
2/10/11	N	Remove the old arms for the 50X, R8X, 51X, and 5NX Series models.
6/07/11	P	Added SP010 5GX Series and SPOA10 5TX Series Arms. Changed standard overhead hose to N3103 and updated notes on page 4.
6/27/11	R	Bring revision level up-to-date to match change orders.
7/7/11	S	Updated cover graphic removing the NP93 display.
3/8/12	U	Updated latch hardware detail.
4/9/12	V	Added SPOA7 hybrid arms.
8/14/12	W	Added shim detail updates.

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